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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/733,232	12/07/2000	Parvathi Somashekar	5181-46501	7248

7590 06/27/2005

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EXAMINER
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PWU, JEFFREY C

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 06/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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## Office Action Summary

Application No.

09/733,232

Applicant(s)

SOMASHEKAR ET AL.

Examiner

Jeffrey C. Pwu

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-54 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-54 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

### **DETAILED ACTION**

1. This action is in response to the Appeal Brief filed 3/14/2005.

The finality of last Office Action has been withdrawn in view of the newly discovered prior art. Any inconvenience is regretted.

#### ***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1, 21, 35, and 45 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 1, 21, 35, and 45 are vague and indefinite because it is unclear what are the preference values.

#### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-54 are rejected under 35 U.S.C. 102(e) as being anticipated by Howard et al. (U.S. 6,370,436).

Howard et al. discloses a method/system/device/program for configuring pluggable components, comprising:

- configuring preference values (44 - exported services information) for one or more pluggable components (18, 20) on a first device (14 - embedded device);
- distributing the one or more pluggable components to one or more other devices via a network subsequent to said configuring; (see object 56 – fig.3; col.9, lines 14 – 55)
- wherein the one or more pluggable components are executable within the one or more other devices in accordance with the configured preference values to provide services to users of the one or more other devices; (see 12 - [40, 42, 44, 46, 50, 48] and 14 - [18, 20, 26, 36, 38, 30, 34, 28] of fig.2)
- wherein said configuring preference values for one or more pluggable components on a first device comprises: receiving user input to a graphical user interface of the first device; ("Object loader 60 creates the device object 56")

- modifying the preference values of a first of the one or more pluggable components in accordance with the received user input; (76; "modify embedded application")
- displaying on the graphical user interface a current value of each of the preference values of the first pluggable component, wherein the received user input changes one or more of the displayed current values; ("Use of EMIT software involves various components including the following: the customer's embedded application 28, emMicro software (which correlates to the embedded interface module 34), emGateway software, emNet software (which correlates to the communication modules 38 and 42), and the customer's **monitoring/controlling** application 52. Typically, potential customers of emWare already have embedded environments in which they plan to deploy emWare's EMIT software to enhance their monitoring and controlling capabilities. These embedded environments typically include the embedded system 14, the host computer 12, and client computers 22.")
- validating the received user input prior to said modifying the preference values; (46, 50)
- wherein said configuring preference values for one or more pluggable components on a first device comprises: receiving user input to a command line interface of the first device; and modifying the preference values of a first of the one or more pluggable components in accordance with the received user input; (46, 50)

- wherein the received user input specifies one or more of the preference values of the first pluggable component and a new value for each of the specified preference values; and (66 – device object 66; “FUNCTION D”, “FUNCTION E”, “FUNCTION F”)

- wherein said distributing comprises sending each of the plurality of pluggable components to the corresponding one of the plurality of devices via the network.

(abstract, col.1, lines 7-9)

#### ***Allowable Subject Matter***

6. Claims 13-14, 27-28, 41, and 51 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### ***Response to Arguments***

7. Applicant's arguments with respect to claims 1-54 have been considered but are moot in view of the new ground(s) of rejection.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey C. Pwu whose telephone number is 571-272-6798.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



June 23, 2005

**JEFFREY PWU**  
**PRIMARY EXAMINER**